



Friday, January 10, 2020

Attn: Mr. Keith Gammell
Barnhardt Mfg. Co.
247 Main Rd
P.O. Box 3
Colrain, MA 01340

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
SDG ID: GCE99349
Sample ID#s: CE99349 - CE99355

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

January 10, 2020

SDG I.D.: GCE99349

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM

Client Id	Lab Id	Matrix
SLUDGE GRAB	CE99349	SLUDGE
SLUDGE GRAB	CE99350	SLUDGE
SLUDGE GRAB	CE99351	SLUDGE
SLUDGE GRAB	CE99352	SLUDGE
SLUDGE GRAB	CE99353	SLUDGE
SLUDGE GRAB	CE99354	SLUDGE
SLUDGE GRAB	CE99355	SLUDGE



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Analysis Report

January 10, 2020

FOR: Attn: Mr. Keith Gammell
Barnhardt Mfg. Co.
247 Main Rd
P.O. Box 3
Colrain, MA 01340

Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:30
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99349

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	10	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	9300	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

January 10, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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January 10, 2020

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247 Main Rd
P.O. Box 3
Colrain, MA 01340

Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:35
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99350

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	100	100	MPN/g	100	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	30	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	23800	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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January 10, 2020

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247 Main Rd
P.O. Box 3
Colrain, MA 01340

Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:40
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99351

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	200	100	MPN/g	100	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	21600	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020

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247 Main Rd
P.O. Box 3
Colrain, MA 01340

Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:45
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99352

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	41	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	40	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	31200	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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Phyllis Shiller, Laboratory Director

January 10, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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P.O. Box 3
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Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:50
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99353

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	20	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	50	10	cfu/g	10	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	12200	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020

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Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

11:55
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99354

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	30	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	19600	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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Sample Information

Matrix: SLUDGE
Location Code: BARNHARD
Rush Request: Standard
P.O.#: G11301

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/08/20
01/08/20

Time

12:00
16:00

Laboratory Data

SDG ID: GCE99349
Phoenix ID: CE99355

Project ID: SLUDGE - TOTAL FECAL & TOTAL COLIFORM
Client ID: SLUDGE GRAB

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	41	10	MPN/g	10	01/08/20 17:25	LJ/LJ	SM9223B-04
Fecal Coliforms	100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222D-06
Total Coliform	20100	100	cfu/g	100	01/08/20 17:25	LJ/LJ	SM9222B-06

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January 10, 2020

Reviewed and Released by: Rashmi Makol, Project Manager

Friday, January 10, 2020

Criteria: None
State: MA

Sample Criteria Exceedances Report
GCE99349 - BARNHARD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Analysis Comments

January 10, 2020

SDG I.D.: GCE99349

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

